

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Cost-Plus-Fixed-Fee		Page 1 Of 3	
2. Amendment/Modification No. 11		3. Effective Date 2001SEP21		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By TACOM-ROCK ISLAND AMSTA-LC-CAC-B ROCK WOODSTOCK (309)782-7237 ROCK ISLAND IL 61299-7630 EMAIL: WOODSTOCKR@RIA.ARMY.MIL		Code W52H09		7. Administered By (If other than Item 6) DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 3RD AVE NORTH ROOM 201 BIRMINGHAM AL 35203-2376 SCD A PAS NONE ADP PT HQ0338		Code S0101A	
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) PEI ELECTRONICS INC 110 WYNN DRIVE HUNTSVILLE AL 35807-0929 TYPE BUSINESS: Other Small Business Performing in U.S.				<input type="checkbox"/>		9A. Amendment Of Solicitation No.	
						9B. Dated (See Item 11)	
				<input checked="" type="checkbox"/>		10A. Modification Of Contract/Order No. DAAE20-98-G-0004/0030	
						10B. Dated (See Item 13) 2000SEP25	
Code 24290		Facility Code					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required) NO CHANGE TO OBLIGATION DATA							
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS							
KIND MOD CODE: G It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/>		A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A. The Changes Set Forth In Item 14 Are Made In					
<input type="checkbox"/>		B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).					
<input checked="" type="checkbox"/>		C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: 43 103 (a)					
<input type="checkbox"/>		D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
SEE SECOND PAGE FOR DESCRIPTION							
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print) SUZANNE C. YACKLEY YACKLEYS@RIA.ARMY.MIL (309)782-1466			
15B. Contractor/Offeror _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE20-98-G-0004/0030 MOD/AMD 11	Page 2 of 3
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SECTION A - SUPPLEMENTAL INFORMATION

1. This modification revised the M1A1 Embedded Diagnostiscs Work Directive implemented under CLINs 0013AA and 0013AB in modification #10 of this delivery order. The revised work directive is as follows:

M1A1 EMBEDDED DIAGNOSTICS WORK DIRECTIVE

FY02

I. Objective:

Complete Embedded Diagnostic (ED) hardware, diagnostic software and Interactive Electronic Technical Manual (IETM) development. Provide support / sustainment as required to ED hardware, diagnostic software, IETM and training. Attend Inprocess Reviews (IPRs) meetings and reviews as required.

II. Embedded Diagnostic Software and IETM:

1. Conduct a software / IETM verification at PEI. Camp Dodge Iowa will provide the verification target audience.

2. Add the Repair Parts and Special Tools List (RPSTL) to the ED IETM. The part number and /or National Stock Number (NSN for all repair parts, tools and equipment required to complete a repair action shall be automatically displayed to the operator upon selecting the repair task in the IETM. The operator shall also have the option of going directly to and navigating the RPSTL

3. Review and validate all ED Follow on Test Procedures (FTP). Correct FTPs as required.

4. Conduct a joint software scrub/validation at PEI. The scrub will address software and follow on test procedure issues surfaced during the 16 20 July 01 User Jury at PEI.

5. Conduct in partnership with PM Abrams user juries as required to ensure ED diagnostic and IETM software meets the user's requirements and is friendly. User Jury comments and recommendations will be captured and prioritized based on urgency for implementation. User jury comments and recommendations will be implemented upon Government direction.

III. Production / Fielding:

On site and in house technical support shall be provided as required to both Lima Army Tank Plant (LATP) and the Fielding Team.

IV. Logistics Products:

1. Develop provisioning data updates as required in accordance with MIL1552 and delivered to TACOM. TACOM POCs are: TACOM Warren, Chuck Konn, (810) 574-7341; TACOM Rock Island, Gordy Bieri, (309) 782-2189.

2. Technical Manual (TM) change source data shall be developed, validated / verified and delivered in accordance with the attached flow chart. Embedded Diagnostic organizational TM data shall be in IETM format and be an integral part of the Test Program Set (TPS).

3. The Train the Trainer training package previously developed shall be taught to New Equipment Training (NET) personnel. PEI will conduct NET training at a site to be determined by the government.

V. V. Quality Assurance:

PEI will follow the currently approved ISO-9001 and the CP2 QA system of Policies and Procedures concerning Hardware Design, Software development and Manufacturing including but not limited to Qualification Testing, Final ATP and Delivery.

1. Software:

PEI Software Quality Assurance will monitor all phases of the program from concept through design, testing and product shipment. SQA will accomplish this by assuring that the program follows the assigned plans and procedures that are placed on the program. As a minimum these include an SQA Plan in accordance with PEI Procedure PEI-033, System Software in accordance with PEI Procedure ENG-02 and TPS in accordance with PEI Procedure ENG-11.

2. Hardware Quality Assurance:

Hardware Quality Assurance will participate through out all the phases of the program and ensure contract terms and requirements are complied. As a minimum Hardware Design will be in accordance with PEI Procedure ENG-12, Qualification Test Plans and Procedures will be in accordance with PEI Procedure ENG-21. Soldering will be in accordance with ANSI/J-Std-001 and Workmanship in accordance with IPC-A-610.

VI. Hardware and Materials:

PEI shall procure, fabricate, and provide any other necessary hardware and materials not provided by the government for ED development, support and sustainment efforts.

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2. All other terms and conditions remain unchanged.

*** END OF NARRATIVE A 014 ***